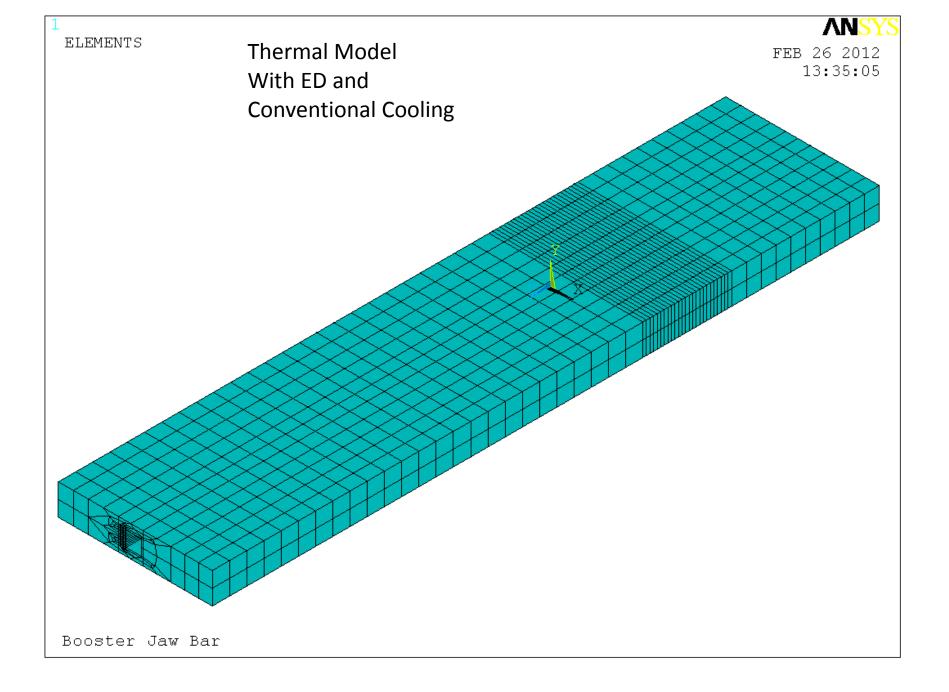
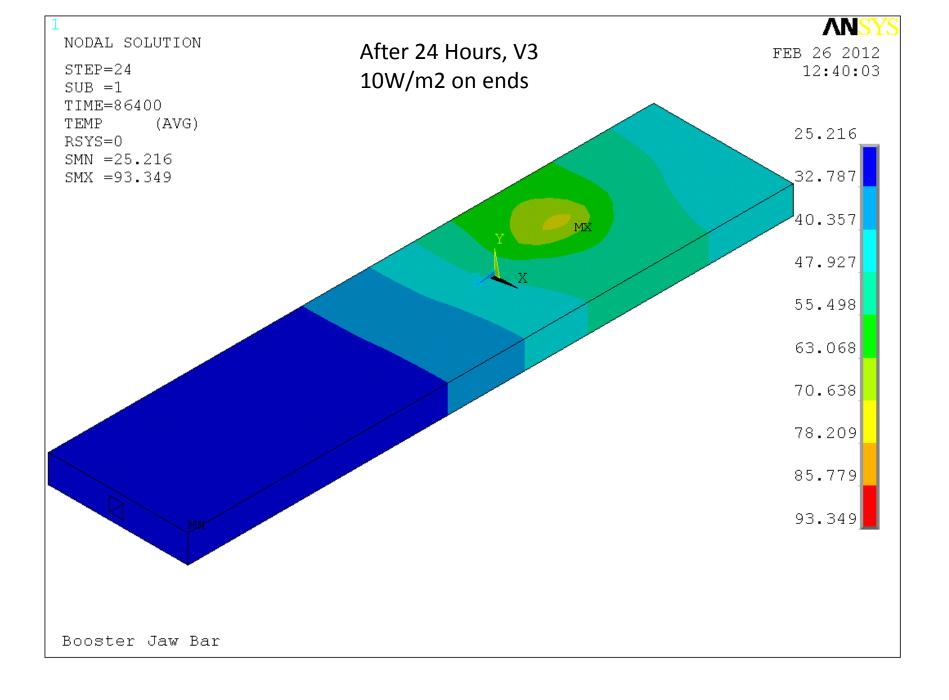
Booster Jaw Bar

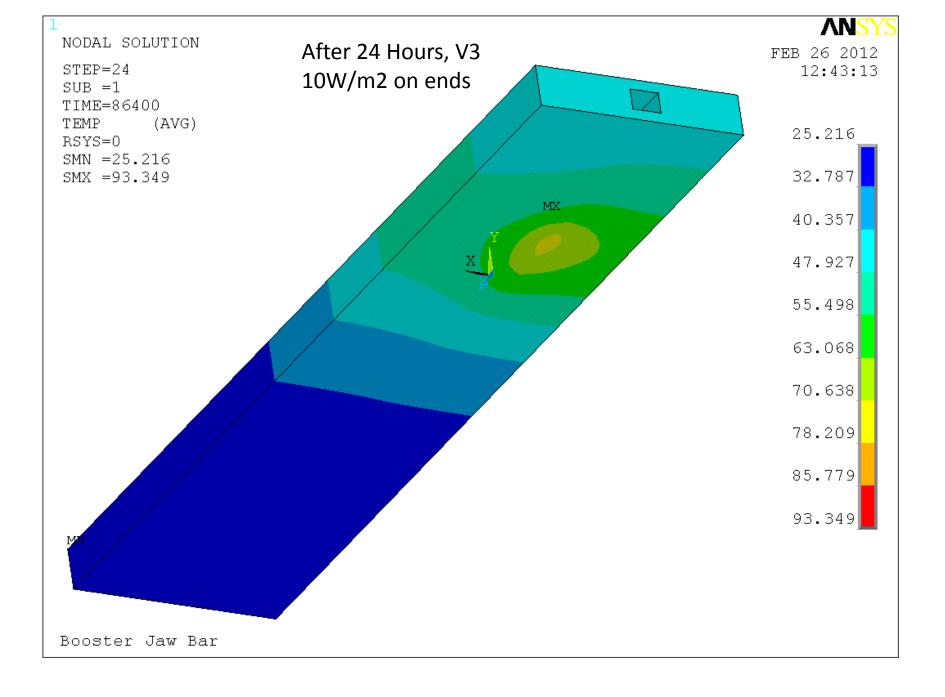
Igor Novitski

Material properties

```
C******
c***** material properties
c***** Metals for FE AISI 304 from MatWeb
C******
alro=7.870 !density , g/cc
kxx,1,16.2 ! Thermal conductivity W/m-K 16.2
dens,1,alro*1e3 ! Density
                             kg/m3
alpx,1,17.3e-6 ! CTE
                    1/K
c,1,500 ! Specific heat J/kg-K 450-500
ex,1,200e9
kxx,2,16.2
dens,2,alro*1e3
alpx,2,17.3e-6
c,2,500
ex,2,200e9
```





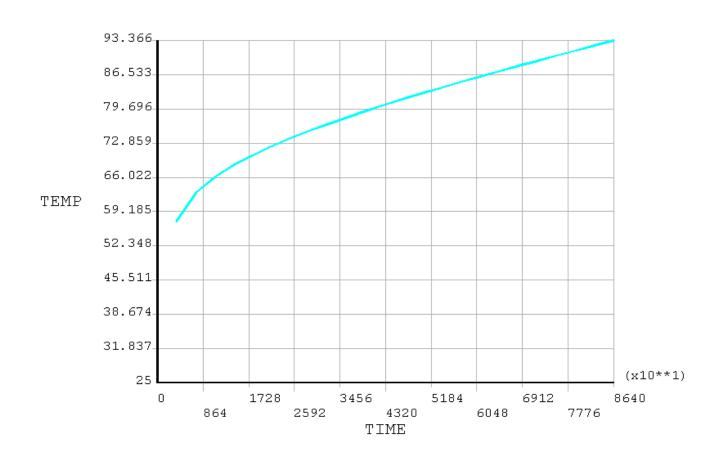


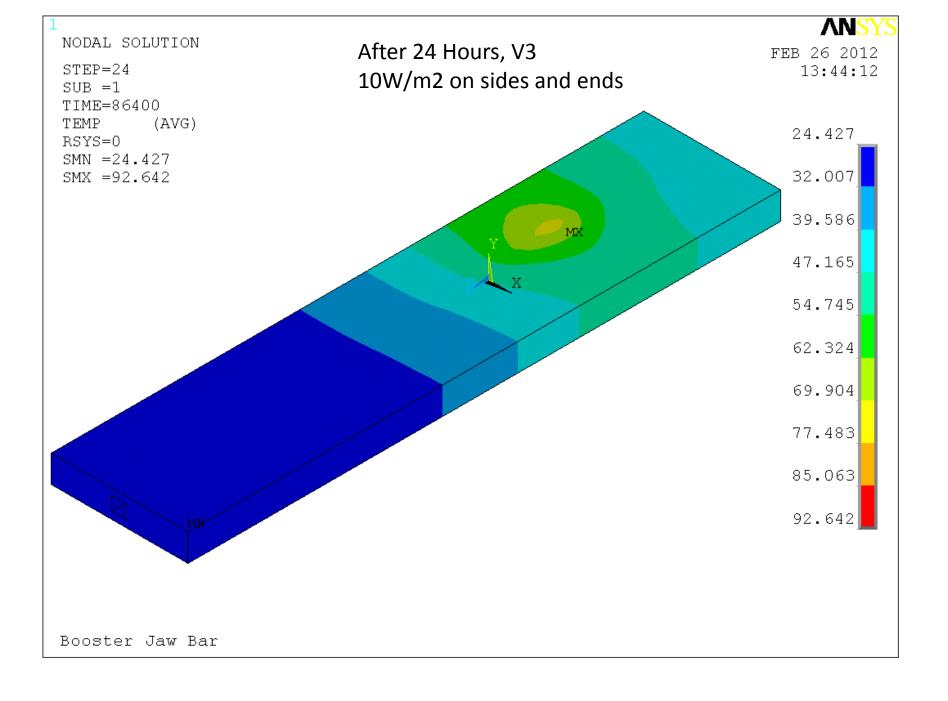
TEMP

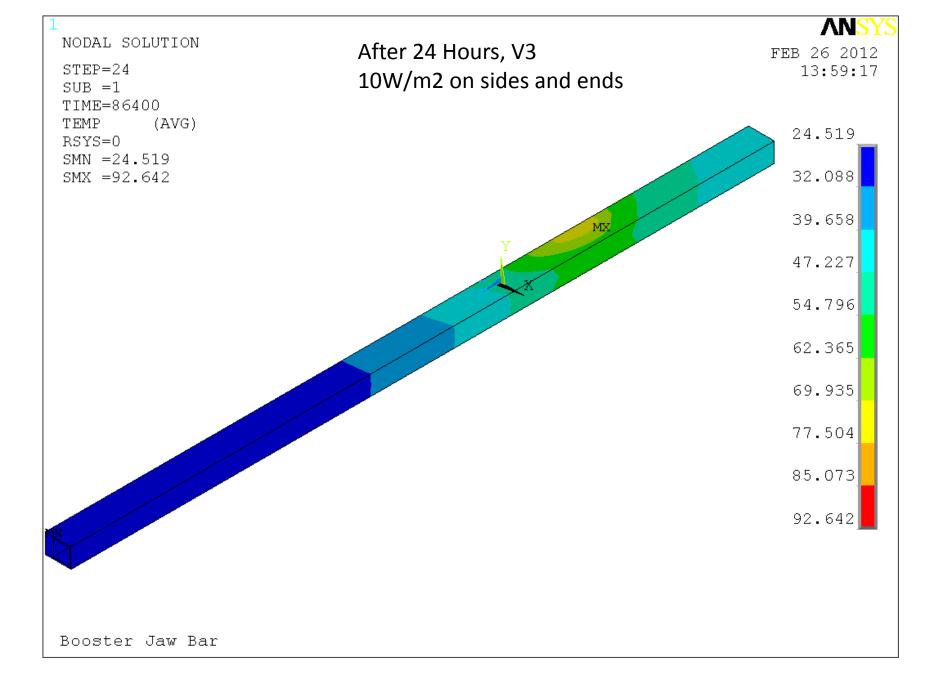
After 24 Hours, V3 10W/m2 on ends



FEB 26 2012 12:38:04







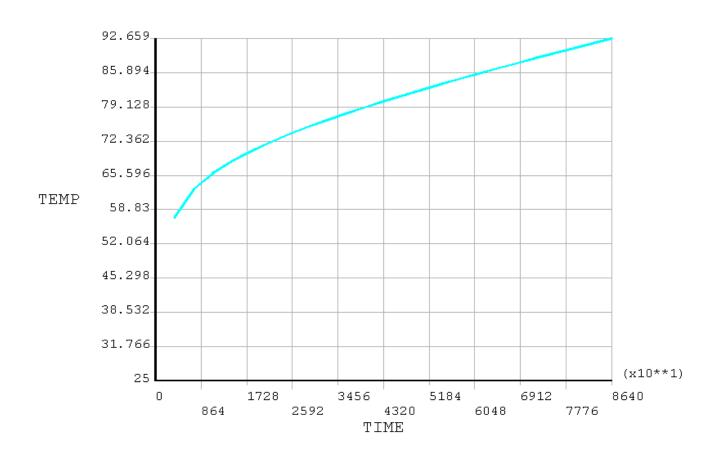
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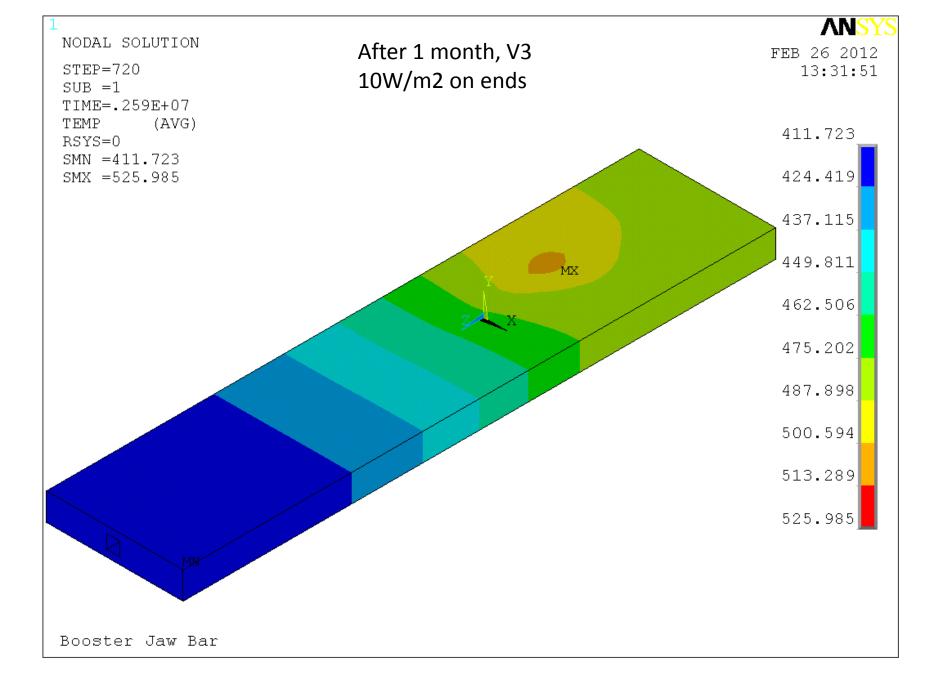
POST26

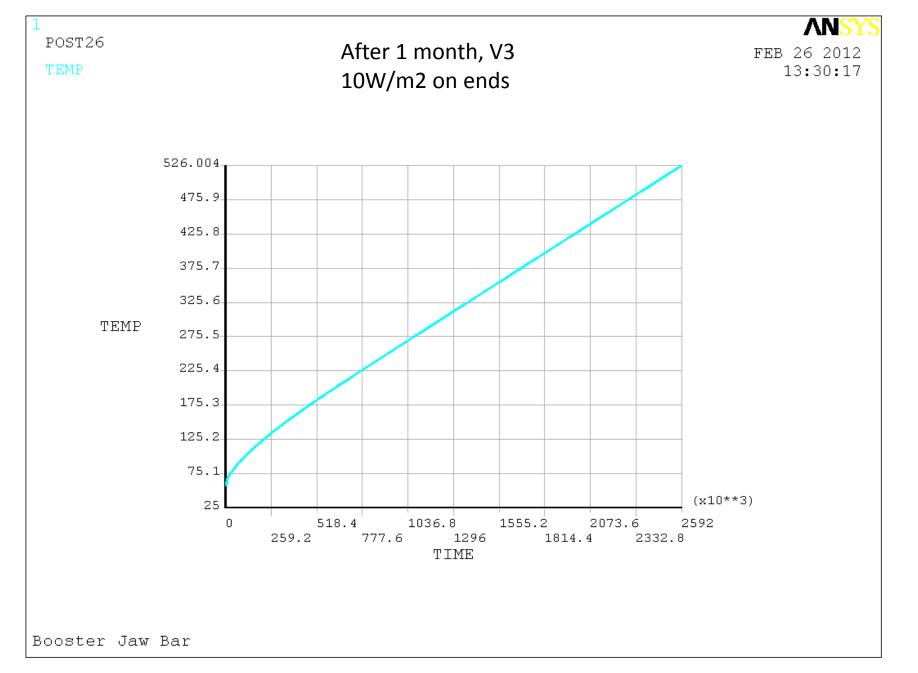
ANSYS

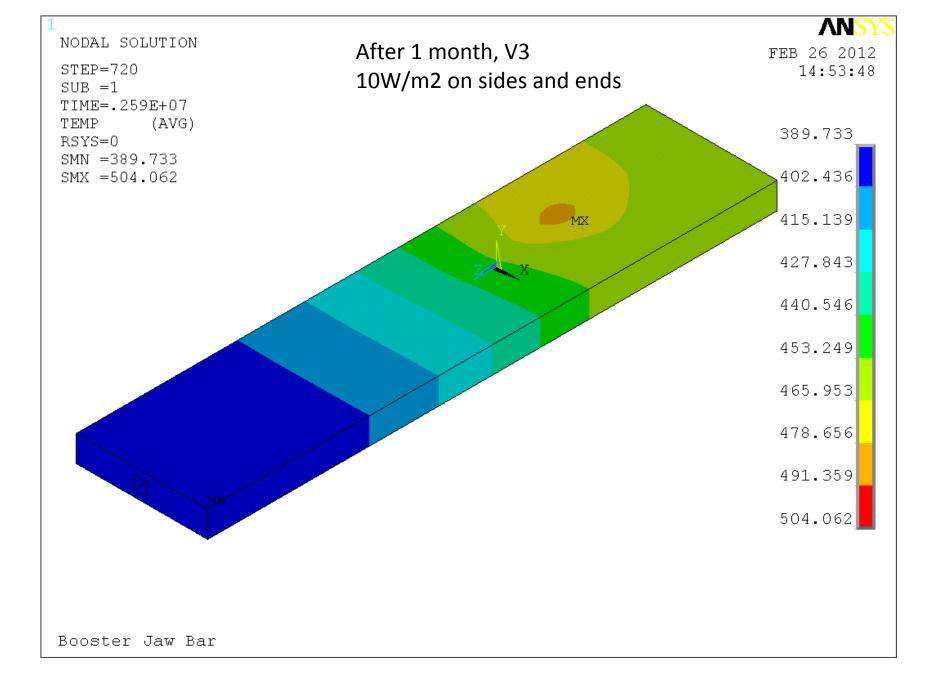
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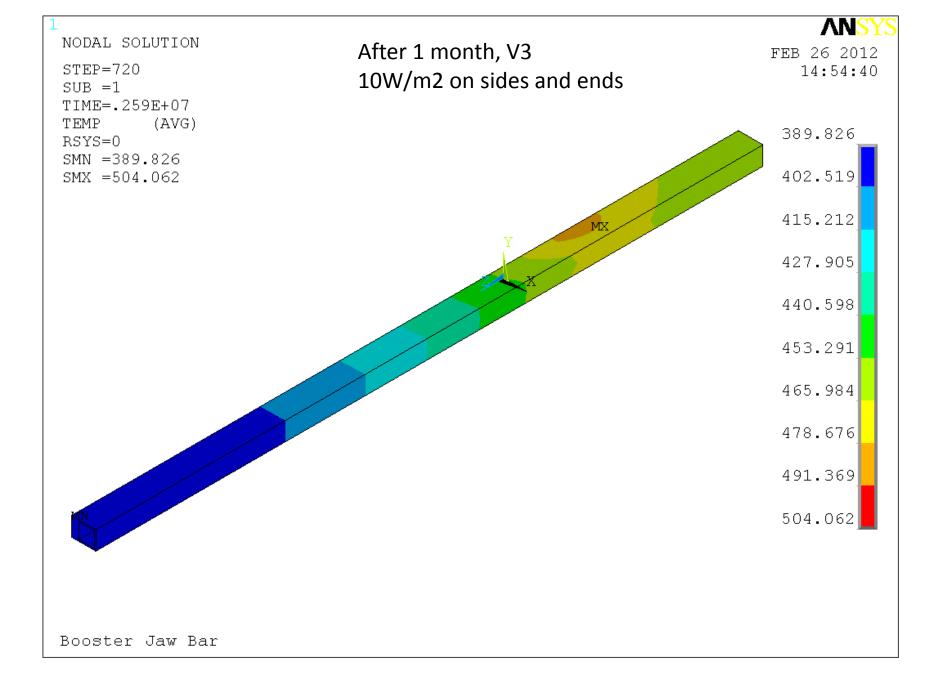
After 24 Hours, V3 10W/m2 on sides and ends









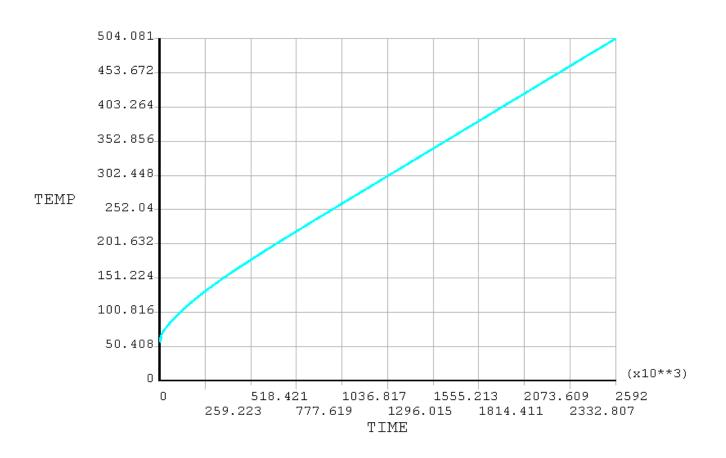


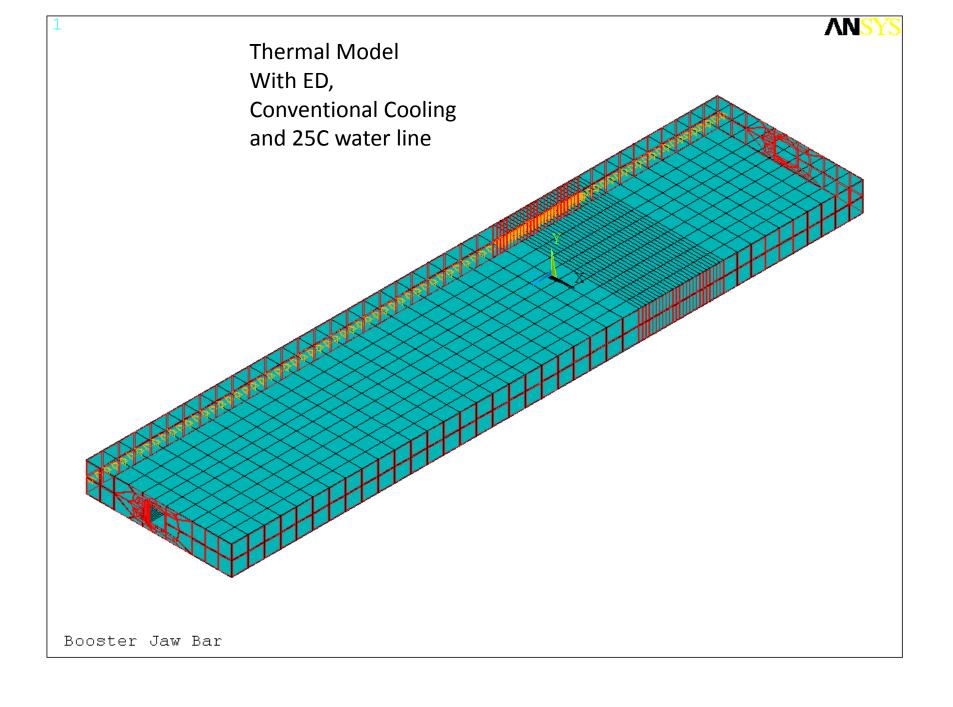
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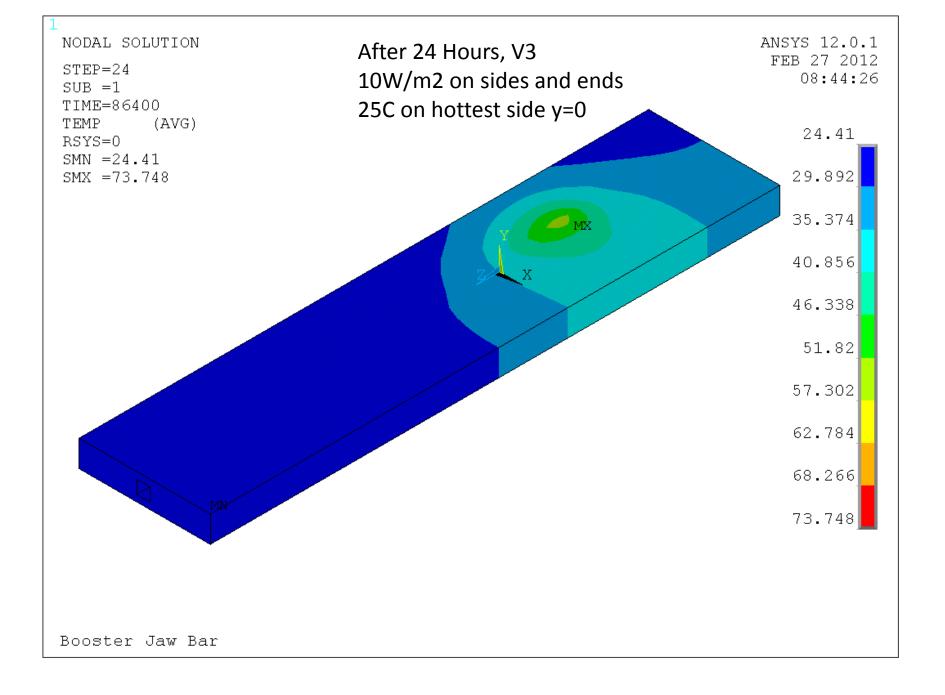
ANSYS

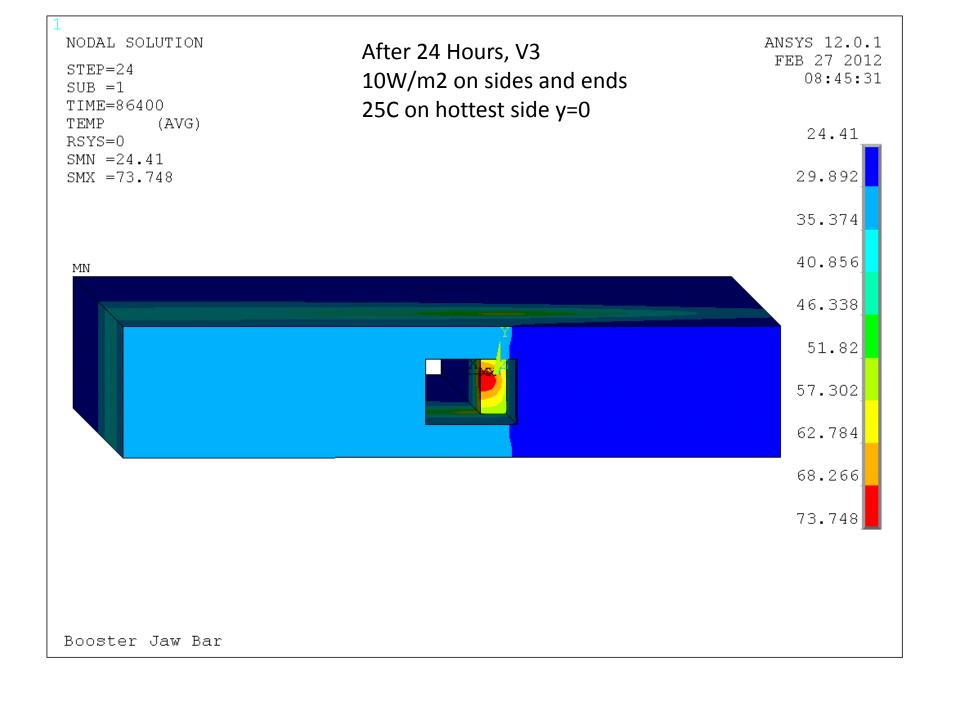
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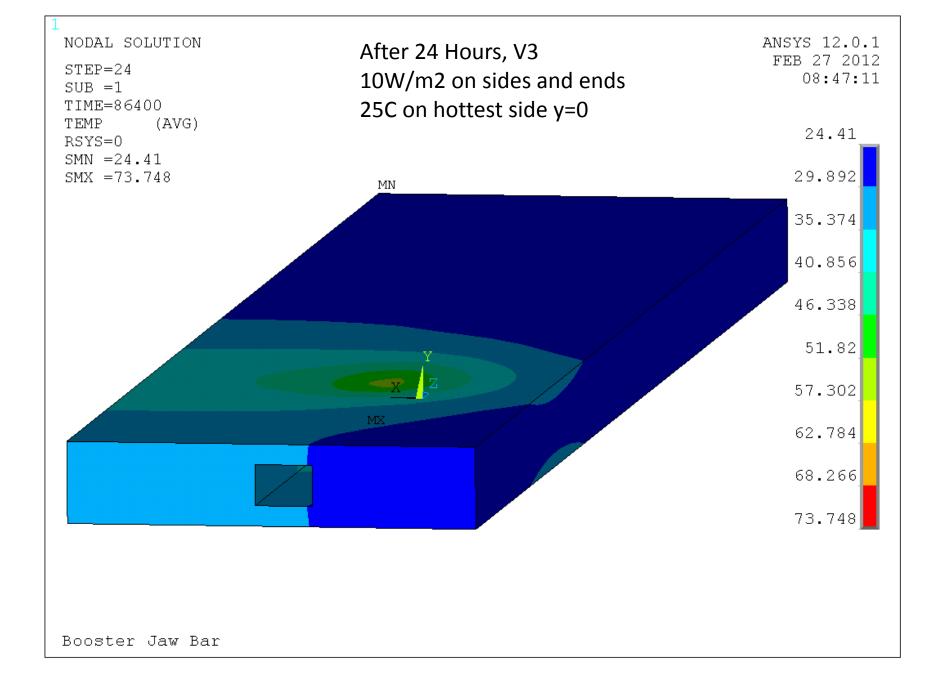
After 1 month, V3 10W/m2 on sides and ends

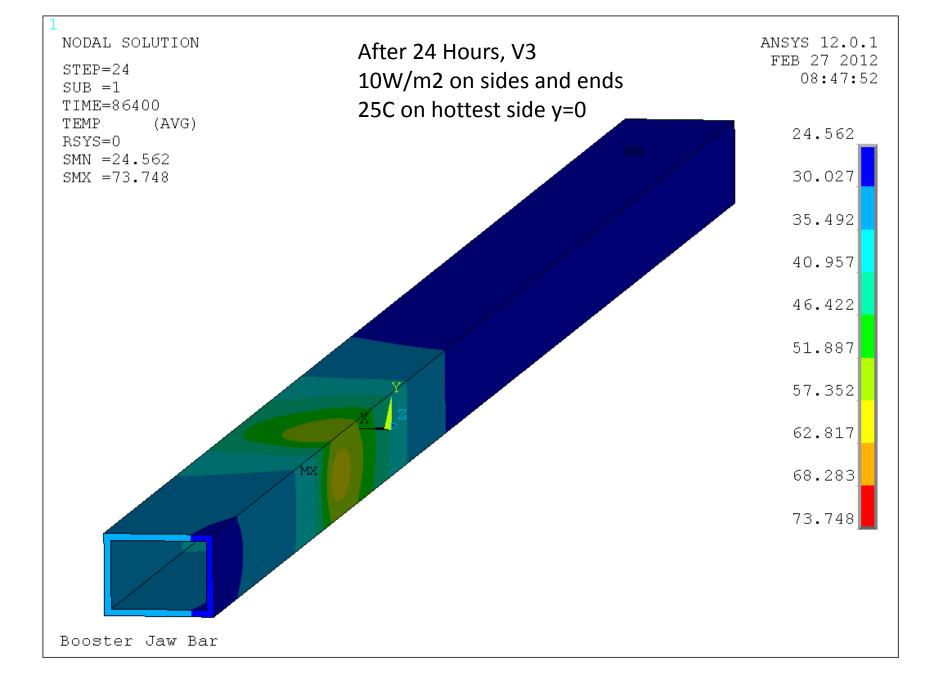


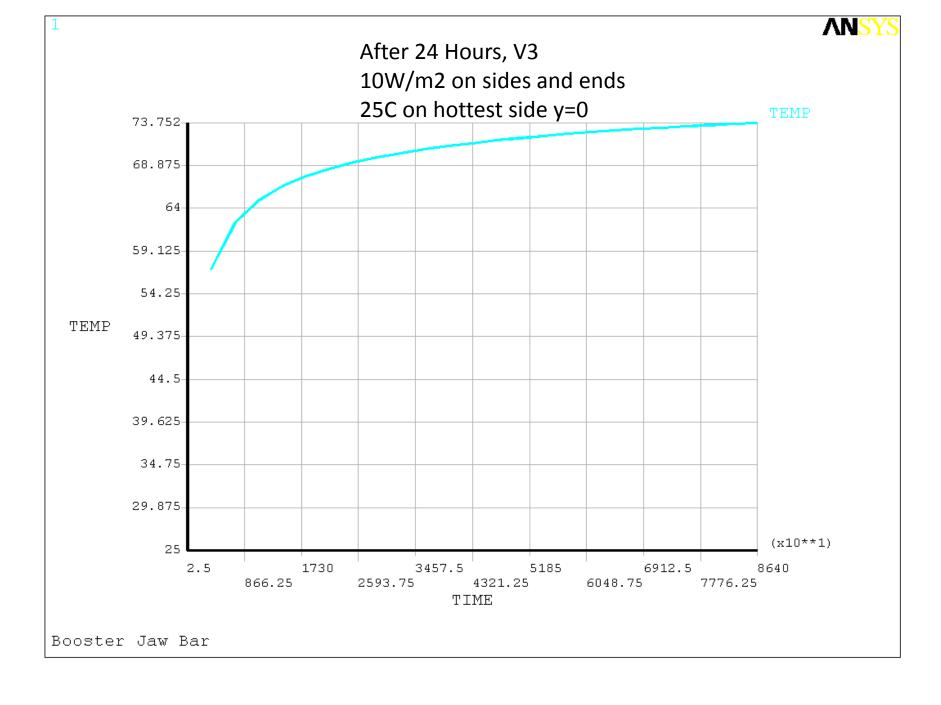


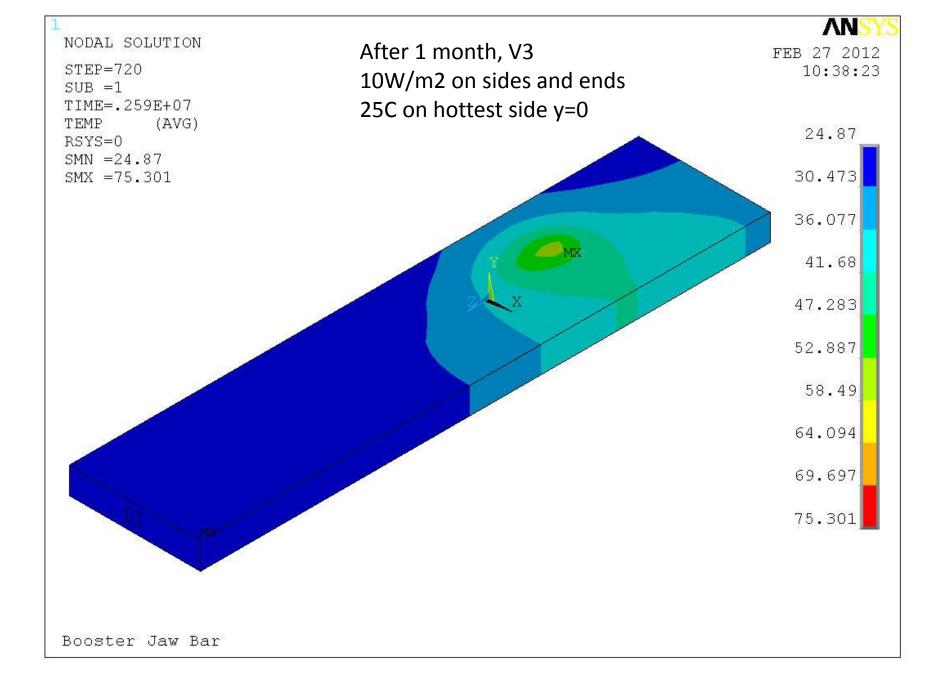


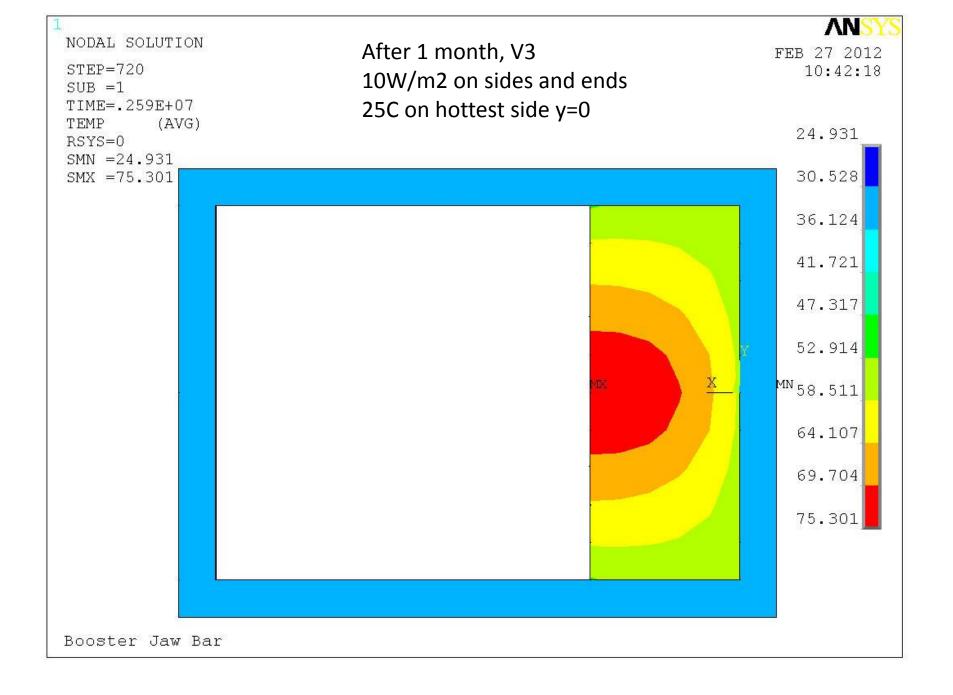


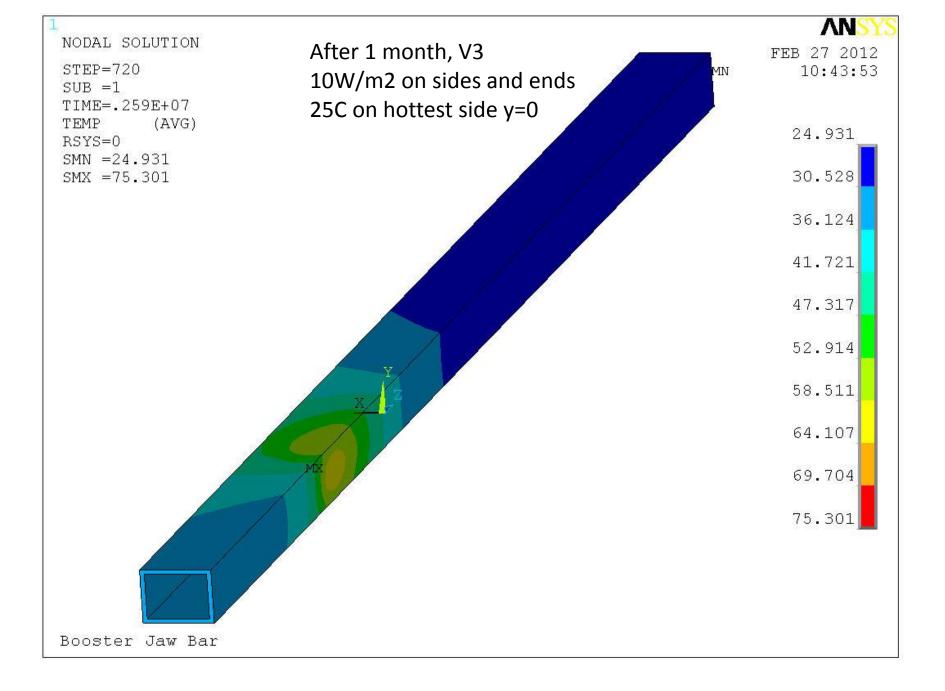












POST26

TEMP

FEB 27 2012 10:37:37

After 1 month, V3 10W/m2 on sides and ends 25C on hottest side y=0

